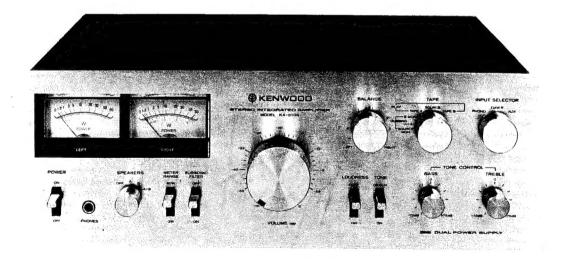


SERVICE MANUAL

KA-6100 (KA-6150)



STEREO INTEGRATED AMPLIFIER

CONTENTS

EXTERNAL VIEW	
INTERNAL VIEW	3
DISASSEMBLY FOR REPAIR	4
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PARTS LIST	7
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PC BOARD)
PREAMPLIFIER (X08-1600-10)	,
AUDIO (X09-1260-10)	
SCHEMATIC DIAGRAM	į
SPECIFICATIONS	,
	,



The black front panel is mounted on KA-6150.



The unit for PX has the cabinet.

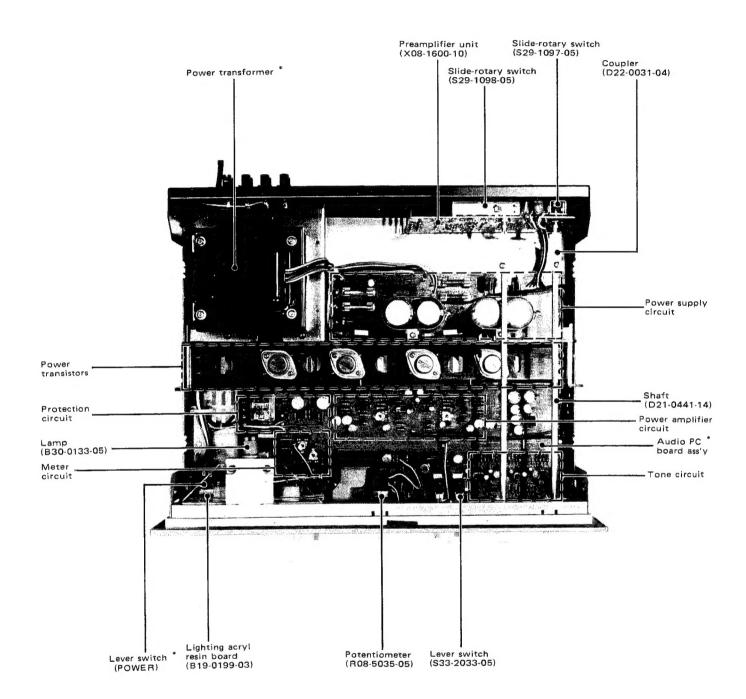
Note:

The products are subject to modification in components and circuits in different countries and regions. This is because each product must be used under the best condition. This manual provides information of modification based on the standard in the U.S., for the convenience of ordering associated components and parts.

U.S.A	K
Canada	
A	
Australia	V
England	
South Affica	
Audio Club	Mi KA-6150
	KA-6150



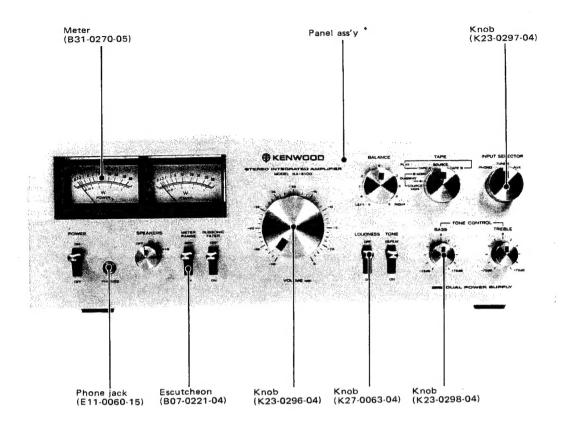
INTERNAL VIEW

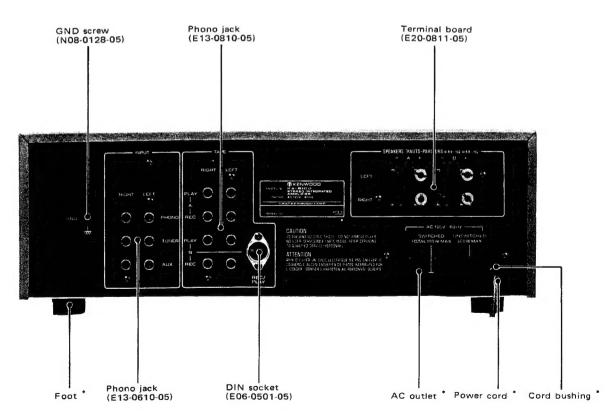


* Refer to DESTINATIONS' PARTS LIST.



EXTERNAL VIEW

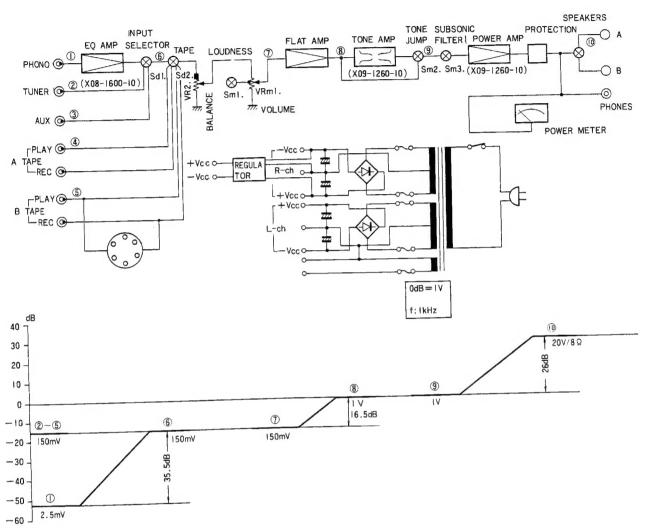




* Refer to DESTINATIONA' PARTS LIST.



BLOCK AND LEVEL DIAGRAM/CIRCUIT DESCRIPTION



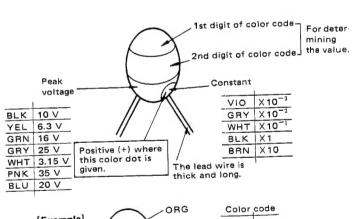
CIRCUIT DESCRIPTION

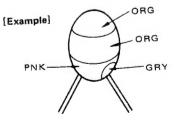
The KA-6100 is equipped with a differential amplifier, current mirror circuit, Darlington circuit, and protection circuit. Information regarding their circuit operations is obtainable from the instruction manuals for the L-07M, L-07C, and the KA-9100

Differential amplifier	L-07M
Current mirror circuit	L-07C
Darlington circuit	L-07M
Protection circuit	KA-9100.

COLOR CODES FOR TANTALUM ELECTROLYTIC CAPACITORS

The KA-6100 employs some tantalum electrolytic capacitors with color codes.



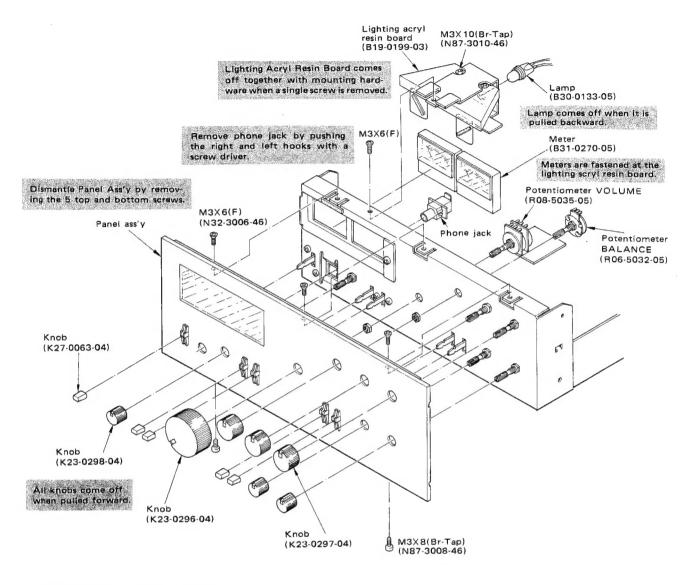


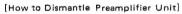
Color	code
BLK	0_
BRN	1
RED	2_
ORG	3
YEL	4
GRN	5
BLU	6
VIO	7
GRY	8_
WHT	9

 $33 \times 10^{-2} \ \mu F = 0.33 \ \mu F \ (35 V)$



DISASSEMBLY FOR REPAIR





- it. Dismantle scoupler for the input
- selector and tape.

 2. Remove solder at Cd27.

 3. Remove 4 screws marked by *
- Shaft (D21-0441-14) Preamplifier unit (X08-1600-10) Remove solder. Cd27 Coupler (D22-0031-04) 0 0 **@ @** @ @ **@ @** @ @ **6** @ @ M3X8(Bi-Tap) (N89-3008-45)



PARTS LIST

TOTAL : New parts

Ref. No.	Parts No.	Description	Re- marks
	F	OTENTIOMETER	
VR1	R06-5032-05	Potentiometer 200kΩ (M) 200kΩ (M,N) BALANCE	☆
	·	MISCELLANEOUS	
	B07-0221-04	Escutcheon for lever switch x5	
-	B10-0232-04	Front glass	☆
	B19-0199-03	Lighting acryl resin board	*
	B30-0133-05	Lamp (8V, 0.3A)	
-	B31-0270-05	Meter x 2	*
_	D21-0441-14	Shaft × 2	
-	D22-0031-04	Coupler x 2	
	E06-0501-05	DIN socket	
_	E20-0811-05	Terminal board (SPEAKER)	☆
_	H25-0078-00	Instruction bag	
_	K23-0296-04	Knob (VOLUME)	4
-	K23-0297-04	Knob x 3 (BALANCE, TAPE, SELECTOR)	☆
_	K23-0298-04	Knob x 3 (TONE, SPEAKERS)	☆
_	K27-0063-04	Knob x 5 (lever switch)	
_	N08-0125-05	Dress screw x 8	
-	N08-0128-35	GND screw	
_	×08-1600-10	Pre-amplifier unit	☆

١	Ref. No.	Parts No.	Description	Re- marks
I		М	ISCELLANEOUS	
	_	E13-0610-05 E13-0810-05	Phono jack Phono jack	
Į				

POWER AMP (X09-1260-)

Rm115, 116

Rm133 Rm138 RS14GB3A100JMA

Metal film 10Ω

RS14GB3D102JMA Metal film $1k\Omega$ $\pm 5\%$ 2W RS14GB3A471JMA Metal film 470Ω $\pm 5\%$ 1W

POWER	AMP (X09-126)	D-)			
Ref. No.	Parts No.	De	escription		Re- mark
	CA	PACITOR			
Cm1,2	CQ93M1H563K	Mylar	0.056µF	±10%	
Cm3,4	CE04W1A221EL	Electrolytic	220µF	10W V	
Cm5,6	CE04W1C101EL	Electrolytic	100µF	16W V	
Cm7,8	CE04W1E4R7EL	Electrolytic	4.7µF	25W V	
Cm9,10	CQ93M1H272K	Mylar	0.0027μ	F ±10%	
Cm11,12	CE04W1H010EL	Electrolytic	1µF	50WV	
Cm13,14	CE04W1E4R7EL	Electrolytic	4.7µF	25W V	
Cm15,16	CE04W1C470EL	Electrolytic	47µF	16W V	
Cm17,18	CE04W1E100EL	Electrolytic	10µF	25W V	Ì
Cm19,20	CQ93M1H563K	Mylar	0.056µF	±10%	
Cm21~ 24	CE04W1H010EL	Electrolytic	1μF	50W V	
Cm25,26	CE04W1C470EL	Electrolytic	47µF	16W V	
Cm27,28	CE04W1E100EL	Electrolytic		25W V	
Cm29,30	CS15E1 V R33K	Tantalum	0.33μ F	35WV	
Cm41,42	CE04AW1H3R3EL	Electrolytic	3.3µF	50W V	
Cm43,44	CK 45B1 H821K	Ceramic	820pF	±10%	
Cm45,46	CE04W1V470EL	Electrolytic	47µF	35WV	
Cm47,48	CE04W1C470EL	Electrolytic	47µF	16W V	
Cm49,50	CC45SL1H100D	Ceramic	10pF	±0.5pF	
Cm51,52	CC45SL1H180K	Ceramic	18pF	±10%	
Cm53,54	CE04W1H470EL	Electrolytic	47µF	50W V	1
Cm55,56	CE04W1C470EL	Electrolytic	47µF	16W V	
Cm57,58	CK45B1H101K	Ceramic	100pF	±10%	
Cm59,60	CQ93M1H154K	Myair	0.15µF	±10%	1
Cm61,62	CE04W0J470EL	Electrolytic	47µF	6.3WV	
Cm63~ 66	CK 45 E 2 H 1 0 3 P	Ceramic	0.01 <i>µ</i> F	+100% -	0%
Cm67~ 70	C90-0354-05	Electrolytic		50W V	
Cm71,72	CE04W1H010EL	Electrolytic		50W V	
Cm81	CE04BW1C101EL	Non-pole el	100µF	16W V	
Cm82	C90-0349-05	Electrolytic		25W V	1
Cm83	CE04W1H100EL	Electrolytic		50W V	1
Cm84,85	CE04W1H221EL	Electrolytic	220µF	35W V	-
Cm86~ 89	CE04W1E101EL	Electrolytic	100µF	25WV	
	R	ESISTOR			
Rm67~ 70	RD14GY2E221JMA	Carbon		±5% 1/4W	
Rm79,80	RD14GY2E331JMA	Carbon		±5% 1/4W	1
Rm81,82		Carbon	2.2kΩ ±	5% 1/4W	
Rm91~ 94	RD14GY2E361JMA	Carbon	360Ω ±	±5% 1/4W	
Rm95~ 98	RD14GY2E821JMA	Carbon	820Ω ±	±5% 1/4W	
Rm99∼ 106	RD14GY2E4R7JMA			±5% 1/4W	
Rm107~ 110	R92-0113-05			±5% 3W	
Rm111, 112	RS14GB3D4R7JMA	Metal film		±5% 2W	
Rm113, 114	RC05GF2H391K	Carbon	390Ω :	±10% 1/2W	
1 Km 115	L D O 4 4 C D O A 4 O O 18 4 A	I Mantal films	100	+ K-UZ 11/1/	1

1W

PREAMP (X08-1600-10)

Ref. No.	Parts No.	De	scription		Re- marks
		CAPACITO	R		
Cd1,2	CC45SL1H151K	Ceramic	150pF	±10%	
Cd3,4	CE04W1A101EL	Electrolytic	100µF	10WV	
Cd5,6	CC45SL1H270K	Ceramic	27pF	±10%	
Cd7,8	CE04W1C330EL	Electrolytic	33µF	16WV	
Cd9,10	CE04W0J471EL	Electrolytic	470µF	6.3WV	
Cd11,12	CE04W1E100EL	Electrolytic	10µF	25WV	
Cd13,14	CQ93M1H104J	Mylar	0.1µF	±5%	}
Cd15,16	CQ93M1H273J	Mylar	0.027µF		
Cd17,18	CK45D1H102M	Ceramic	0.001µF		
Cd25,26	CE04W1E221EL	Electrolytic			
Cd27,28	CK45F1H473Z	Ceramic	0.047µF	+80%, -20%	
		RESISTOR			
Rd21∼ 24	RN92BC2E330F	Metal film	33Ω ±	1% 1/4W	
SEMICONDUCTOR					
Qd1,2	V09-0126-20	FET	2SK 117(C	1), (Y), (GR)	Ì
,-	V09-0095-05	or	25K68A(<),(L),(M)	
Qd3,4	V01-0146-05	Transistor	2SA640(E), (F)	ļ
	V01-0190-05	or	2SA841(G	R), (BL)	
Qd5.6	V03-0405-05	Transistor	2SC945(P), (Q), (R)	
Qd7,8	V01-0146-05	Transistor	2SA640(E),(F)	1
,-	V01-0190-05	or	2SA841(3R),(BL)	
Dd1~4	V11-0076-05	Diode	1S1555		
,	V11-0271-05	or	1S2076		
		SWITCH			
Sd1	S29-1097-05	Slide rotary	switch (SE	LECTOR)	
Sd2	S29-1098-05	Slide rotary	switch (T	APE)	



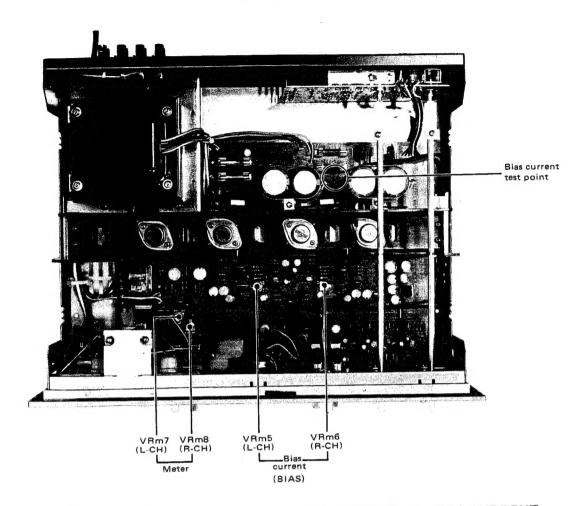
DESTINATIONS' PARTS LIST

Ref. No.	U.S.A. (K)	Canada (P)	X (U)	Australia (X)	Europe (W)	Scandinavia (L)	England (T)	South Africa (S)	Other Areas (M)	Audio Club (KA-6150)	Descriptions
I I	A01-0332-03 A20-1243-02	A01-0332-03 A20-1243-02	A03-0226-01 A20-1243-02	A01-0332-03 A20-1243-02	A01-0332-03 A20-1243-02	A01-0332-03 A20-1243-02	A01-033203 A20-1244-02	A01-0332-03 A20-1243-02	A01-0332-03 A20-1243-02	A01-0332-03 A20-1245-02	Case ☆ or cabinet Panel ass'y ☆
1	846-0061-10	B46-0055-20	B46-0062-10 B46-0063-00	1	I	1	B46-0060-00	1	j	B46-0062-10	Warranty card
ı	850-1695-00	B50-1696-00	850-1695-00	B50-1695-00	B50-1695-00	B50-1695-00	B50-1698-00	B50-1695-00	B50-1695-00	B50-1697-00	Instruction manual ☆
ı	ı	1	B59-0018-00	1	J	1	ı	I	ı	I	KENWOOD service stations' list
C1,2	C90-0145-05 or C91-0001-05	C91-0025-05	I	1		1	l	ı	l	1	Film or ceramic capacitor 0.01 µF AC 125V Film 0.01 µF Ceramic AC 125V
C1,2	1	I	C91-0023-05	C91-0023-05	ļ	I	1	C91-0023-05	C91-0023-05	C91-0023-05	UA
C1,2,4	1	I	1	ı	CK45E3D- 103PMU	CK45E3D- 103PMU	CK45E3D 103PMU	1	ı	I	Ceramic capacitor 0.01µF DC 2KV
1	1	1	D32-0075-04	D32-0075-04	D32-0075-04	1	ı	D32-0075-04	D32-0075-04	D32-0075-04	Switch stopper
1 1 1	E08-0225-05 - E30-0181-05	E08-0225-05 - E30-0181-05	E08-0225-05 	E08-0225-05 _ E30-0185-05	- E22-0424-05 E30-0580-05	E22-0424-05	E22-0424-05	E08-0225-05 - E30-0602-05	E08-0225-05 E30-0515-05	E08-0225-05 E30-0580-05	AC outlet x 3 Lug type terminal AC power cord
1 1 1	H01-1756-04 th H10-1501-02 th H10-1502-02	± H01-1757-04 H10-1501-02 H10-1502-02	H01-1762-04 H10-1492-02 H10-1492-02	#10-1501-02 #10-1501-02 #10-1502-02	#01-1761-04 #10-1501-02 #10-1502-02	#10-1501-02 #10-1501-02 #10-1502-02	H01-1758-04 * H10-1501-02 * H10-1502-02	#10-1501-02 #10-1501-02 #110-1502-02	#10-1501-02 #10-1501-02 #10-1502-02	#01-1760-04 #10-1501-02 # #10-1502-02	Carton case & Polystyrene foamed fixture(R) Polystyrene foamed
1 1 1	H20-0444-04	H20-0444-04	H20-0394-04	H12-0065-04 H20-0444-04	H12-0065-04 H20-0444-04	H12-0065-04 H20-0444-04	H20-0444-04	H20-0444-04	H20-0417-04	H12-0065-04 H20-0444-04	nxture (L) Buffer fixture & Protection cover Anti-rust paper
1 1 1	J02-0073-04 J41-0034-05	J02-0049-14 J41-0034-05	J02-0049-14 J41-0033-05	J02-0049-14 J41-0024-15	J02-0049-14 J41-0033-05	J02-0049-14 J41-0033-05 J61-0038-05	J02-0049-14 J41-0024-15	J02-0049-14 J41-0024-15	J02-0049-14 J41-0033-05	J02-0049-14 J41-0033-05	Foot x 4 Power cord bushing Cord band
ı	L01-1461-05	L01-1461-05	L01-1465-05	L01-1466-05	L01-1466-05	L01-1466-05	L01-1467-05	L01-1465-05	L01-1465-05	L01-1465-05	Power transformer \$
1	ļ	1	S31-2001-05	831-2001-05	S31-2001-05	1	1	531-2001-05	531-2001-05	S31-2001-05	Slide switch (Power vol-
S1	S33-2022-05	S33-2022-05	S33-2021-05	S33-2021-05	S33-2023-05	S33-2023-05	S33-2023-05	S33-2021-05	533-2021-05	533-2021-05	Power switch
1	X09-1260-10	X09-1260-10	X09-1260-01	X09-1260-01	X09-1260-61	X09-1260-61	X09-1260-61	X09-1260-01	X09-1260-01	X09-1260-01	Power amp PC board ass'y

☆: new parts



ADJUSTMENT

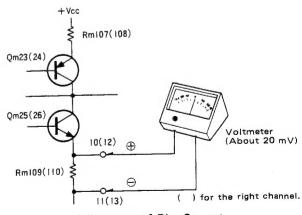


ADJUSTMENT OF METER RANGE

- Connect a dummy resistor and an SSVM to the speaker terminals and an AG (1 kHz) to the AUX terminal.
- Set the meter range on the panel to 80W.
- 3. Use AG and volume control to obtain a setting of 50W (20V/8 Ω).
- 4. Turn trimming potentiometer VRm7, 8 until 50W is indicated on the power meter.

ADJUSTMENT OF BIAS CURRENT

- Turn the volume control to fully counterclockwise.
- Connect a voltmeter to terminals 10, 11 of the power amplifier.
- Turn trimming potentiometer VRm5 (left channel) until the voltmeter indicates 20 mV approximately.
- Change voltmeter connections to terminals 12, 13 and turn trimming potentiometer VRm6 (right channel) until the voltmeter indicates 20 mV.



Adjustment of Bias Current



PARTS LIST

		<u> </u>	Re-	
Ref. No.	Parts No.	Description	marks	
Rm140, 141	RD14GY2E182JMA			
Rm142, 143	RD14GY2E102JMA	Carbon 1kΩ ±5% 1/4W		
	SEM	ICONDUCTOR		
Qm1,2	V09-0260-20	FET 2SK117(Y)		
	V09-0098-05	or 2SK68A(L)		
Qm3~8	V01-0140-05	Transistor 2SA640(E), (F)		
Qm9~12		Transistor 2SA921(S)		
	V03-0270-05	Transistor 2SC945(Q), (R)		
	V03-0506-05	Transistor 2SC1940(L), (K)		
	V03-0362-05 V03-0467-05	Transistor 2SC828A		
	V01-0187-05	Transistor 2SC1567(Q), (R) Transistor 2SA794(Q), (R)		
	V01-0980-10	Transistor 2SA980(O), (Y)		
	V03-2260-10	Transistor 2SC2260(O), (Y)		
Qm27	V03-0461-05	Transistor 2SC1681		
Qm28	V03-0215-05	Transistor 2SC1213A (B)		
Qm29	V04-0330-20	Transistor 2SD330(E), (F)		
Qm30	V01-0116-05	Transistor 2SA755(B), (C)		
Qm31	V03-0270-05	Transistor 2SC945(R)		
Dm1,2	V11-0273-05	Diode 1S2076A		
Dm3,4	V11-0400-05	Diode 1N34A		
Dm5~12	V11-2100-05	Diode U08C		
540.44	V11-1300-30	or S2V20		
Dm13,14		Diode 1S2076A		
Dm15 Dm16,17	V11-0295-05 V11-0100-10	Diode W06B Zener diode EQA01-25R		
Dm 18	V11-0100-10	Diode W06B		
	V11-0273-05	Diode 1S2076A		
THm1, 2		Thermistor 5TP-41L		
POTENTIOMETER				
VRm1	R08-5035-05	Potentiometer 100kΩ (B)	*	
	NU8-5035-05	VOLUME		
VRm2,3	R06-3014-05	Potentiometer 20kΩ (B) TONE	☆	
VRm5,6	R12-1021-05	Trimming 1k Ω (B)		
VRm7,8	R12-2016-05	Trimming 5kΩ (B)		
, .		METER LEVEL		
SWITCH/RELAY				
\$m1~4	S33-2033-05	Lever	Ω	
Sm5	S29-1108-05	Slide-rotary switch (SPEAKERS)	☆	
-	S51-4033-05	Relay		
	MISC	ELLANEOUS		
Lm1,2	L39-0080-15	Phase compensation coil		
_	E00 0000 05	Transistor socket (for TO-3) x 4		
	E02-0209-05 E11-0060-15	Phone jack		
_	E11-0000-15	Thore jack		
Fm1~4	F05-3522-05	Fuse 3.5A SEMKO		
	F05-3523-05	(X09-1260-61) Fuse 3.5A 250V		
	FU0-3523-U5	(X09-1260-01)		
	F05-4021-05	Fuse 3 .5A 250V UL		
Fm5	F05-5011-05	(X09-1260-10) Fuse 500mA 250V UL		
. 1113	1 00-00 1 1-00	(X09-1260-10)		
	F05-5013-05	Fuse 500mA 250V (X09-1260-01)		
	F05-5016-05	Fuse 500mA SEMKO		
	F20-0066-05	(X09-1260-61) Mica plate x 4		

Ref. No.	Parts No.	Description	Re- marks
-	J13-0041-05	Fuse clip x10 (X09-1260-10, 01)	
-	J13-0054-05	Fuse clip x 10 (X09-1260-61)	
-	J21-1680-04	Mounting hardware (for capacitor) x 2	☆

Note

Resistors except the special type (example: cement, metal film, etc.) are not detailed in PARTS LIST. With regard to the value, refer to the schematic diagram or the PC board illustration.

Resistors not detailed are carbon type (1/4W or 1/8W).

You should give an order for the carbon resistors according to the ways described as follows:

A carbon resistor's part number is example RD14BY 2E 222J

1. Kinds of the carbon resistor



2. Wattage

 $1/4W \rightarrow 2E$ $1/8W \rightarrow 2B$

3. Resistance value



Significant figure Multiplier

Example:

 $221 \rightarrow 220\Omega$ $222 \rightarrow 2.2k\Omega$ $223 \rightarrow 22k\Omega$ $224 \rightarrow 220k\Omega$ $225 \rightarrow 2.2M\Omega$

4. Tolerance

 $J = \pm 5\%$ (Gold color) $K = \pm 10\%$ (Silver color)



ADJUSTMENT

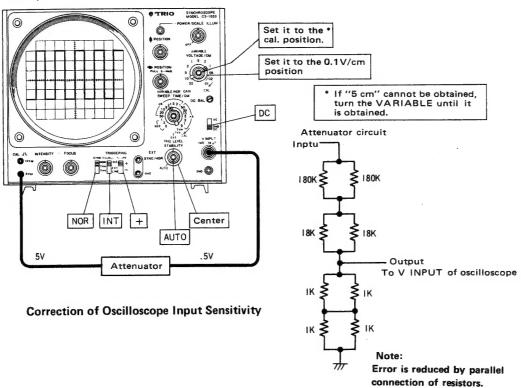
ADJUSTMENT OF BIAS CURRENT USING AN OSCILLOSCOPE

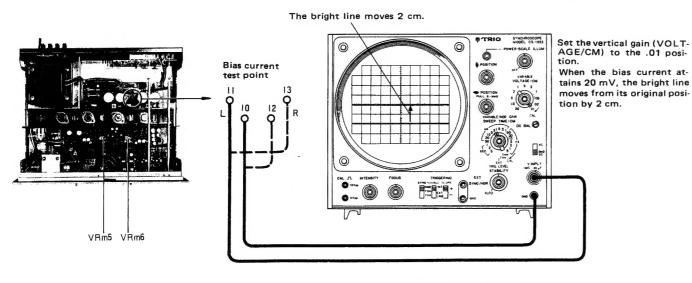
Power transistors recently produced generally have low emitter resistance values. Therefore, adjustments become difficult to achieve since an inverted Darlington circuit is adopted in the KA-6100 and meter deflections on VOM, etc. are generally smaller than those in conventional equipment. In such a case, the following adjustments are possible.

Adjustment Procedure (Method by means of oscilloscope CS1553)

- 1. Correct the input sensitivity of the oscilloscope.
- 2. Connect the oscilloscope to the test point (Nos. 10, 11 for the left channel and Nos. 12, 13 for the right channel).
- 3. Turn the volume control to interrupt the entry of signals into the power amplifier.
- Turn the trimming potentiometer (VRm5 for the left channel and VRm6 for the right channel) until 20 mV is indicated.

Example of Corrected Waveform at 1V

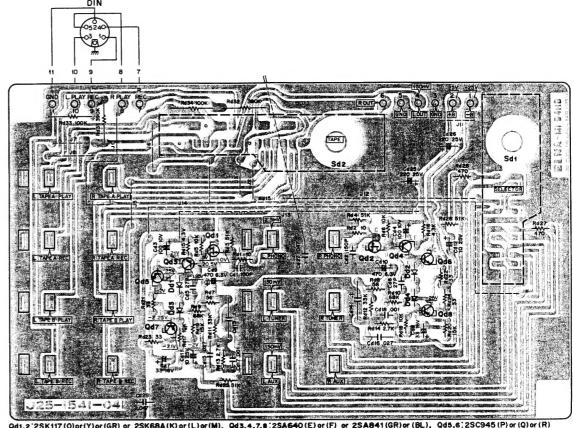




Adjustment of Bias Current

PC BOARD

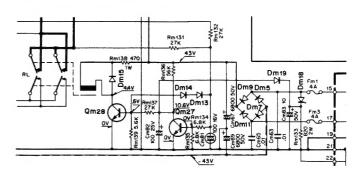
▼ PREAMPLIFIER (X08-1600-10)

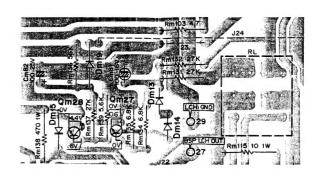


Qd1,2:25K117(0)or(Y)or(GR) or 25K68A(K)or(L)or(M), Qd3,4,7,8:25A64O(E)or(F) or 25A841(GR)or(BL), Qd5,6:25C945(P)or(Q)or(Dd4,6-4:5458A or 452075

102010

The below pc board and schematic diagram of the power amp are not applied to Serial No. 71,0001 \sim .



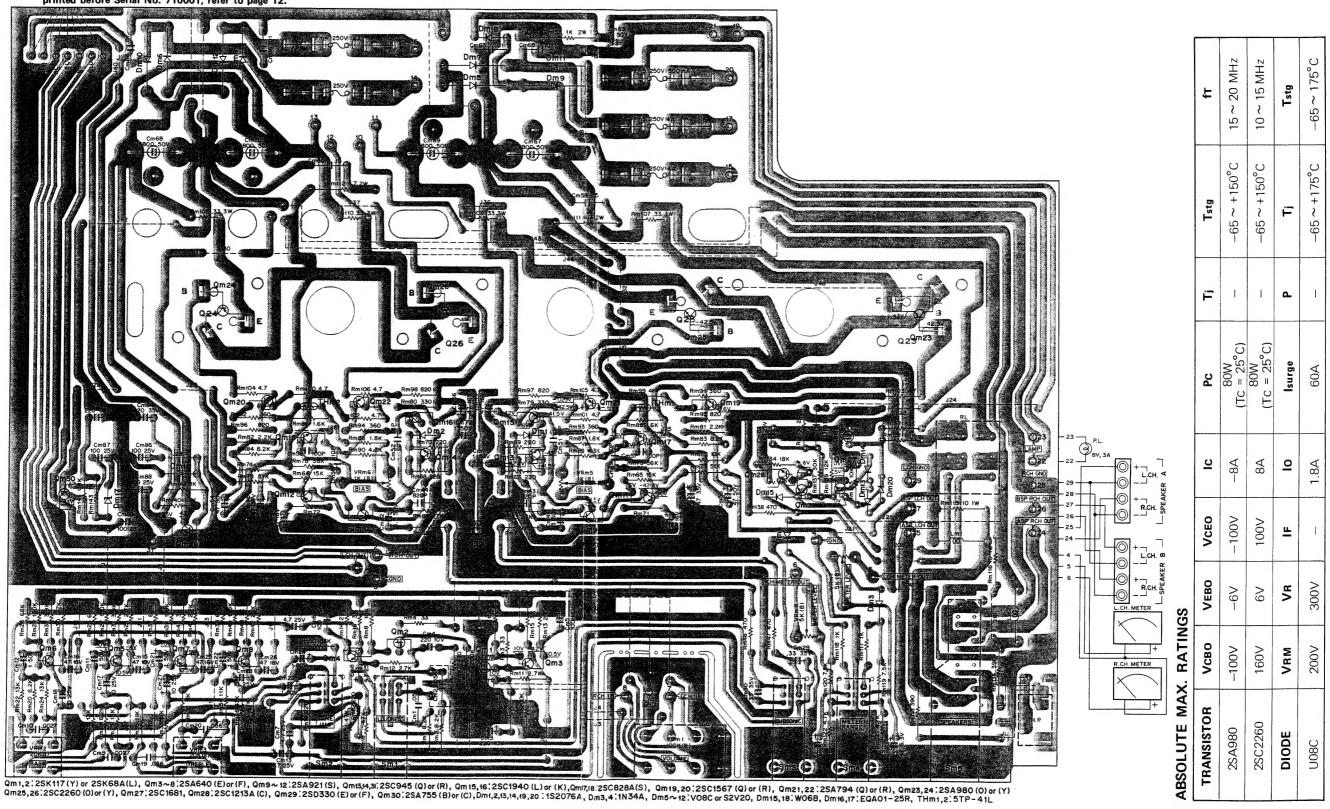




PC BOARD

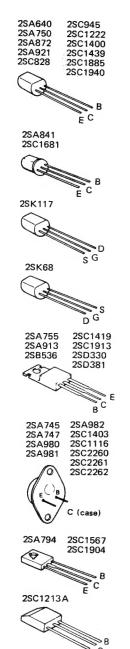
▼ AUDIO (X09-1260-10)

Note: The pc board illustration is applied to Serial No. 710001 \sim . When repairing the product printed before Serial No. 710001, refer to page 12.





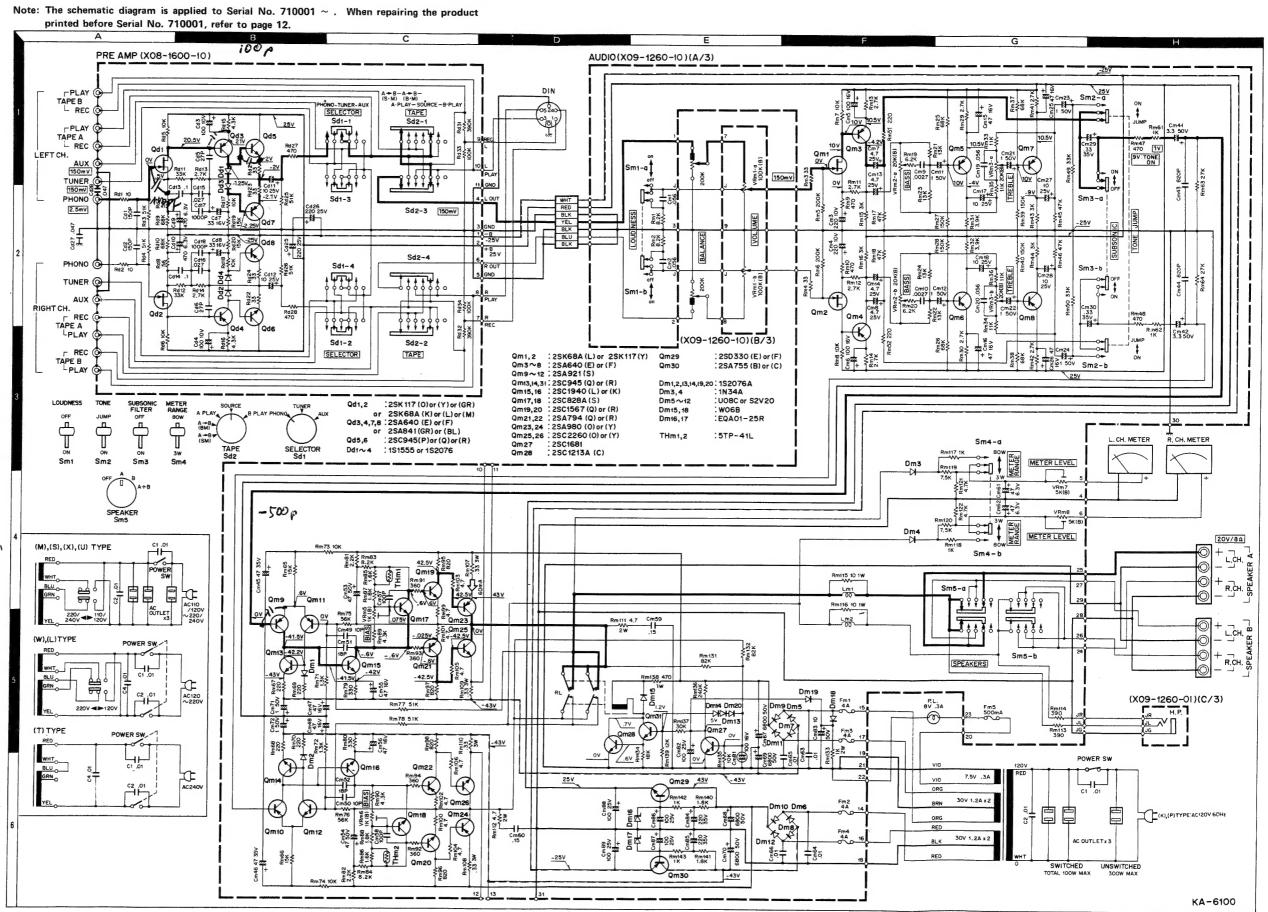
SCHEMATIC DIAGRAM



	E C
Semiconductor	Substitution
PREAMP (X08-1600-10) 2SA640(E), (F) 2SC945(P), (Q), (R) 2SK117(Q), (Y), (GR)	2\$A841, 2\$A750 2\$C1400, 2\$C1222, 2\$C1681 2\$K68A(K), (L), (M)
POWER AMP (X09-1260-10) 2SA640(E), (F) 2SA755(B), (C) 2SA794(Q), (R) 2SA980(O), (Y)	2SA750, 2SA841 2SB536 2SA913 (Q), (R) 2SA981, 2SA982(Q), (Y) 2SA745(Q), (Y)
2SA921(S) 2SC828A(R), (S) 2SC945(Q), (R) 2SC1213A(C) 2SC1567(Q), (R) 2SC1681	2SA747(O), (Y) 2SA872(E), 2SA750(F) 2SC945(R) 2SC1400, 2SC1222 2SC1439(S), 2SC1885(S) 2SC1913(Q), (R) 2SC1400, 2SC1222
2SC1940(L), (K) 2SC2260(O), (Y) 2SD330(E), (F)	2SC1885(Q),(R), 2SC1904(B) 2SC2261, 2SC2262(Q), (Y) 2SC1403(Q), (Y) 2SC1116(Q), (Y)
2SK68A(L)	2\$C1419, 2\$D381 2\$K117(Y)

Note:

In the case of using the substitutive semiconductor, you should confirm the lead of one.





SPECIFICATIONS

Power Output 50 watts* per channel minimum RMS, both channels driven, at 8 ohms from 20 Hz to 20,000 Hz with no more than 0.03% total harmonic distortion.	
Both Channels Driven	
Dynamic Power Output	70 + 70 watts 4 ohms at 1,000 Hz 230 watts 4 ohms
Output	
Output	
Power Bandwidth	5 Hz to 30,000 Hz
Damping Factor	
Input Sensitivity/Impedance	Accept 4 onms to 16 onms
Phono	
Tuner	. ,
Tape A, B	
Signal to Noise Ratio (IHF. A)	
Phono	92 dB for 5.0 mV input 98 dB for 10 mV input
Tuner	106 dB for 150 mV input
AUX	
Maximum Input Level for	
Phono	230 mV (RMS), T.H.D. 0.03% at 1,000 Hz
Output Level/Impedance Tape REC (Pin)	150 m\//450 ohms
(DIN)	
Frequency Response	
Phono	RIAA standard curve ± 0.3 dB
Tone Control	· ·
Bass	
Treble	± 7.5 dB at 10,000 Hz +8 dB at 100 Hz
(at -30 dB VOLUME Level)	
Subsonic Filter	18 Hz, 6 dB/oct
GENERAL	
Power Consumption	420 watts at full power
AC Outlet	
Without Cabinet	
	H 5-7/8" (149 mm) D 14-11/32" (364 mm)
With Cabinet	2
	H 7-1/32" (179 mm)
Weight	D 15-3/16" (385 mm)
Without Cabinet	· · · · · · · · · · · · · · · · ·
With Cabinet	Gross: 28.6 lbs. (13 kg)
	Net: 28.7 lbs. (13 kg) Gross: 32.0 lbs. (14.5 kg)
	- Total Ind. (1710 kg/

^{*} Measured pursuant to Federal Trade Commission's Trade_Regulation rule on Power Output Claims for Amplifier in U.S.A.

Note: Kenwood follows a policy of continuous advancements in development. For this reason specifications may be changed without notice

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